



FortiClient (Mac OS X) - Release Notes

VERSION 5.6.0

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June 28, 2017

FortiClient (Mac OS X) 5.6.0 Release Notes

04-560-407217-20170628

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Change Log

Date	Change Description
2017-06-15	Initial release of 5.6.0.
2017-06-28	Updated to add new, red covers and to identify where to find documentation on the FortiClient Configurator Tool.

Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (Mac OS X) 5.6.0 build 0703.

This document includes the following sections:

- [Introduction](#)
- [What's New in FortiClient \(Mac OS X\) 5.6.0](#)
- [Installation Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

Please review all sections prior to installing FortiClient. For more information, see the *FortiClient Administration Guide* in the [Fortinet Document Library](#).

Licensing

FortiClient offers two licensing modes:

- Standalone Mode
- Managed Mode

Standalone Mode

In standalone mode, FortiClient is not registered to a FortiGate or Enterprise Management Server (EMS). In this mode, FortiClient is free both for private individuals and commercial businesses to use. No license is required.



Support for FortiClient in standalone mode is provided on the Fortinet Forums (forum.fortinet.com). Phone support is not provided.

Managed Mode

Companies with large installations of FortiClient usually need a means to manage their endpoints. EMS can be used to provision and centrally manage FortiClient endpoints, and FortiGate can be used with FortiClient endpoints for network security. Each FortiClient endpoint can register to a FortiGate or an EMS. In this mode, FortiClient licensing is applied to the FortiGate or EMS. No separate license is required on FortiClient itself.



When using the ten (10) free licenses for FortiClient in managed mode, support is provided on the Fortinet Forums (forum.fortinet.com). Phone support is not provided when using the free licenses. Phone support is provided for paid licenses.

FortiClient Licenses on the FortiGate

FortiGate 30 series and higher models include a FortiClient license for ten (10) free, connected FortiClient endpoints. For additional connected endpoints, you must purchase a FortiClient license subscription. Contact your Fortinet sales representative for information about FortiClient licenses.

FortiClient Licenses on the EMS

EMS includes a FortiClient license for ten (10) free, connected FortiClient endpoints for evaluation. For additional connected endpoints, you must purchase a FortiClient license subscription. Contact your Fortinet sales representative for information about FortiClient licenses.

What's New in FortiClient (Mac OS X) 5.6.0

This section identifies the new features and enhancements in FortiClient (Mac OS X) 5.6.0. For more information, see the *FortiClient Administration Guide*.

FortiClient install option

FortiClient installer now only installs features required for the solution chosen by user at the time of install.

Improved FortiClient compliance feature

FortiClient endpoint compliance is now enforced by FortiOS where administrator can either warn or block non-compliant endpoints. FortiClient dashboard will display the compliance status and reason for non-compliance. FortiClient dashboard will also include information on the configuration settings that is causing non-compliance.

Vulnerability Scan feature support

The Vulnerability Scan and automatic-patching feature is now supported in FortiClient (Mac OS X).

User Avatar retrieval from cloud applications

FortiClient can now be used to retrieve username and user avatar from third-party cloud application, such as LinkedIn, Salesforce and Google.

User Avatar sent to FortiAnalyzer

FortiClient can now send user avatar and device information to FortiAnalyzer so that it can be used in FortiView and reports.

Improved remote logging to FortiAnalyzer

FortiClient endpoints now send detailed logs to FortiAnalyzer so that data can be used for FortiView and custom reports.

Configurator Tool

FortiClient Configurator Tool, which is used to create custom installers, will be available for download for free from Fortinet Developer Network site (<http://fndn.fortinet.net/>).

For more information, see the *FortiClient Configurator Tool* document on the Document Library at <http://docs.fortinet.com/forticlient/admin-guides>.

Installation Information

Firmware images and tools

The following files are available in the firmware image file folder:

- FortiClient_5.6.x.xxx_macosx.dmg
Standard installer or Mac OS X.
- FortiClientTools_5.6.x.xxx_macosx.tar
FortiClient includes various utility tools and files to help with installations.

The following tools and files are available in the FortiClientTools .tar file:

- OnlineInstaller
This file downloads and installs the latest FortiClient file from the public FDS.



Please review the following sections prior to installing FortiClient version 5.6.0: [Introduction on page 5](#), [Special Notices on page 1](#), and [Product Integration and Support on page 11](#).

Installation options

When installing FortiClient version 5.6.0, you can choose the setup type that best suits your needs. FortiClient will always install the Security Fabric Agent (SFA) feature and enable the Vulnerability Scan feature by default. You can select to install one or more of the following options:

- Secure Remote Access: VPN components (IPsec and SSL) will be installed.
- Additional Security Features: Select one or more of the following to install them: AntiVirus, Web Filtering, Single Sign On, Application Firewall

Upgrading from previous FortiClient versions

FortiClient version 5.6.0 supports upgrade from FortiClient versions 5.2 and later.

Downgrading to previous versions

Downgrading FortiClient version 5.6.0 to previous FortiClient versions is not supported.

Uninstall FortiClient

To uninstall FortiClient version 5.6.0, use the *Application > FortiClient > Uninstaller* application.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal located at <https://support.fortinet.com>. After logging in, click on *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiClient 5.6.0 support

The following table lists FortiClient (Mac OS X) 5.6.0 product integration and support information.

Desktop Operating Systems	<ul style="list-style-type: none">• Mac OS X v10.9 Mavericks• Mac OS X v10.10 Yosemite• Mac OS X v10.11 El Capitan• Mac OS X v10.12 Sierra
Minimum System Requirements	<ul style="list-style-type: none">• Intel processor• 256MB of RAM• 20MB of hard disk drive (HDD) space• TCP/IP communication protocol• Ethernet NIC for network connections• Wireless adapter for wireless network connections• Adobe Acrobat Reader for FortiClient documentation
FortiAnalyzer	<ul style="list-style-type: none">• 5.6.0
FortiAuthenticator	<ul style="list-style-type: none">• 4.2.1 <p>FortiToken Mobile push notification is not supported for the following versions:</p> <ul style="list-style-type: none">• 4.2.0• 4.1.0 and later• 3.3.0 and later• 3.2.0 and later• 3.1.0 and later• 3.0.0 and later
FortiClient EMS	<ul style="list-style-type: none">• 1.2.0
FortiManager	<ul style="list-style-type: none">• 5.6.0
FortiOS	<ul style="list-style-type: none">• 5.6.0 <p>Only IPsec VPN and SSL VPN are supported with the following FortiOS versions:</p> <ul style="list-style-type: none">• 5.4.1 and later

Language support

The following table lists FortiClient language support information.

Language	GUI	XML Configuration	Documentation
English	✓	✓	✓
Chinese (Simplified)	✓		
Chinese (Traditional)	✓		
French (France)	✓		
German	✓		
Japanese	✓		
Korean	✓		
Portuguese (Brazil)	✓		
Russian	✓		
Spanish (Spain)	✓		

The FortiClient language setting defaults to the regional language setting configured on the client workstation unless configured in the XML configuration file.



If the client workstation is configured to a regional language setting that is not supported by FortiClient, it defaults to English.

Resolved Issues

The following issues have been fixed in FortiClient (Mac OS X) 5.6.0. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
0271427	Host CPU spikes when using type-ahead feature in Eclipse Luna on MacOS when FortiClient is registered on FortiGate
0290797	FortiClient Mac online installer shall download/install the latest available version
0298574	Support DH Group 19/20
0308065	Add AD Domain login info to FCT logs sent to FAZ
0390095	Sending Avatar Image should be enabled by default
0391699	FortiClient crashes on Mac OS X Sierra (10.12)
0392902	Different OTP challenge behavior from Windows for IPsec and SSL VPN
0393159	Quarantine FCT from EMS in dual registered case (FCT Mac)
0393160	FCT should send KA message immediately after receiving compliance rules or configuration
0393369	FortiClient logs alert but no action taken
0393475	RTP message under AV tab shows enabled for Malicious websites and botnet
0394164	SSL VPN IPv6 resiliency does not connect to the next on the list
0394201	Configuration can be changed when registered to EMS
0397256	Port on FortiGate IP registration is always 8013
0401015	Apple Macs are slow to load web page content
0401969	Registered and compliance devices still being blocked for a brief time after recovering from sleep mode
0403469	A route to the default gateway removed after connection to SSL VPN with WiFi tethering specific
0403999	FortiClient (Mac OS X) 5.4.2 is able to unregister when the <i>Disable Unregister</i> option in the EMS profile settings is turned on

Bug ID	Description
0405800	RealTime & OnDemand Wildcard Exclusions for Mac
0407736	FCT VCM Engine should skip signature if match version is empty
0408179	FortiClient blocking Skype file transfers
0409896	Mac FAZ log should provide using policy
0411244	<i>FortiClient components have been updated</i> notifications showing on Mac OSX 10.12.3 devices
0411461	FortiClient accesses all files in a share, even though the user does not
0411792	WebFilter not following on-net off-net status correctly
0413622	Username in FortiClient (Mac OS X) limited to 63 symbols instead of 64
0414855	VPN tunnel name not updating on FortiClient (Mac OS X) after renaming VPN tunnel name in EMS Profile
0414947	Incorrect <server> address added to XML config when "https" precedes Remote Gateway address in GUI setting
0415207	EC would send the old ADGROUPS
0415276	Avatar camera not working for MAC OSX 10.9
0415984	FortiClient b529 unable to resolve FQDN for SSL VPN connection on Mac OS 10.12.4
0422163	Incorrect Compliance Result Flag for Third Party AV Check
0423888	EMS Dashboard is not showing correct Vulnerability Info

Known Issues

The following issues have been identified in FortiClient (Mac OS X) 5.6.0. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
0275964	FortiClient WebFilter does not support FortiOS WF <i>Custom Categories</i>
0293442	Registered and password-protected FortiClient is getting uninstalled using application like appcleaner, appzapper on MacOS
0374648	FortiClient DNS and split tunneling
0378259	FortiClient (Mac OS X) 5.4.0.507 AV Scan runs for hours
0381801	Support Youtube HTTP header for safe search
0384501	Application Firewall stops running
0404438	Installer created by FortiClient Configurator Tool should not allow customise
0407996	Bubble message on always-up disconnection is always showing
0408014	Always up would eventually stop When <code>keep_running_max_tries</code> is set to 0
0410154	FortiClient (OS X) 5.5.23.678 sometimes does not send vulnerability statistic info to FGT
0413419	FortiClient and EMS server should prevent installation and upgrade to unsupported OS versions
0415388	Microsoft Teams being blocked by Application Firewall on FortiClient (OS X)
0415394	MS Lync is very slow over SSL VPN
0421033	Record avatar upload in the local logs
0421107	Avatar not visible on FortiClient when not compliant
0421164	Error 5 when FortiClient (OS X) tries to connect via Personal Hotspot with some FortiGate via SSL VPN
0421276	Custom background image set with the FortiClient Rebrander in OS X is not being used
0422280	Mac stuck at locked by FortiGate

Bug ID	Description
0422486	VPN GUI shows <i>Connecting</i> after disconnect
0422497	WF categories set to <i>Warn</i> sometimes would not proceed or page is incomplete
0423645	FortiClient (Mac OS X) deployed from EMS does not have a reboot prompt
0435189	b0529: FortiClient (Mac OS X) FAZ logs not identical to Windows counterpart
0435217	Deployment did not restore notification server
0435864	AV Restore not working
0435878	FCT should fail to register to default gateway with <i>FortiGate Not Found</i> window, if default gateway is not a registered FGT
0436238	VCM signature not sent to EMS
0436323	FortiClient (Mac OS X) online installer download message
0436455	IP based web access gets blocked as Newly Observed Domain
0436832	Mac uninstall is left on uninstalling state



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